



## T92P7D52-24 Product Details

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### T92P7D52-24 (1423967-1)

TE Internal Number: 1423967-1

✔ Active

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### Industrial Relays (General Purpose)

✔ Always EU RoHS compliant but not ELV Compliant (Statement of Compliance)

#### Product Highlights:

- T92 Series
- Contact - Current Class = 20A to 30A Class, Greater Than 16A
- Contact - Rated Current = 30 A
- Terminal Type = Screw Terminals
- Contact - Arrangement = 2 Form A (NO)

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### Documentation & Additional Information

<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">T92 Two-Pole, 30 Amp, PC Board or Panel Mount Relay (PDF, English)</a></li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files: (CAD Format &amp; Compression Information)</b></p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing (DXF, Version D)</a></li> <li>• <a href="#">3D Model (IGES, Version D)</a></li> <li>• <a href="#">3D Model (STEP, Version D)</a></li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>
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### Product Features (Please use the Product Drawing for all design activity)

<p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mounting Options = Flange Mount</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Current Class = 20A to 30A Class, Greater Than 16A</li> <li>• <a href="#">Contact - Rated Current (A)</a> = 30</li> <li>• Contact - Limiting Continuous Current (A) = 30</li> <li>• Contact - Limiting Making Current (A) = 30</li> <li>• Contact - Limiting Breaking Current (A) = 30</li> <li>• Insulation - Initial Dielectric Between Coil/Contact Class = 3500V to 4000V Class</li> <li>• Insulation - Initial Dielectric Between Open Contacts (V rms) = 1500</li> <li>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000</li> <li>• Contact - Rated Voltage (VAC) = 277</li> <li>• Contact - Switching Voltage Max. (VAC) = 600</li> <li>• Contact - Limiting Short-Time Current (A) = 30</li> <li>• Contact - Switching Recommended Load, Min. = 500mA at 12V</li> <li>• Coil - Rated Voltage (VDC) = 24</li> <li>• <a href="#">Coil - Resistance (Ω)</a> = 350</li> <li>• <a href="#">Coil - Rated Power, DC (mW)</a> = 1700</li> <li>• Coil - Rated Power Class = &gt;1.5W Class</li> <li>• Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2000</li> <li>• Insulation - Initial Insulation Resistance (MΩ) = 1000000</li> <li>• Insulation - Creepage Class = &gt;8mm Class</li> <li>• Insulation - Clearance Class = 5mm to 8mm Class</li> <li>• Insulation - Special Features = 6000V Initial Surge Withstand Voltage</li> </ul>	<p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mount Type = Panel Mount</li> <li>• Weight (g [oz]) = 86.00 [3.034]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Terminal Type = Screw Terminals</li> <li>• Contact Material = AgCdO</li> <li>• Contact - Number of Poles = 2</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact - Arrangement</a> = 2 Form A (NO)</li> <li>• <a href="#">Coil - Magnetic System</a> = Monostable, DC</li> <li>• Coil - Special Features = UL Coil Insulation Class F</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS/Not ELV Compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Wave solder capable to 240°C, Wave solder capable to 260°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS not ELV compliant</li> <li>• Approved/Registered Standards = UL, CSA, VDE</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Environmental - Category of Protection = RTI</li> <li>• Environmental - Ambient Temperature, Max. (°C [°F]) = 65 [149]</li> <li>• Environmental - Ambient Temperature Class = 50°C to 70°C Class</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tray</li> </ul>
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Feedback

**Dimensions:**

- Mechanical - Length Class = 50mm to 60mm Class
- Length (mm [in]) = 54.20 [2.134]
- Mechanical - Width Class = 30mm to 40mm Class
- Width (mm [in]) = 36.30 [1.429]
- Mechanical - Height Class = >50mm Class
- Height (mm [in]) = 51.10 [2.012]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 8 [0.315]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 9.5 [0.374]

**Other:**

- Series = T92
- Brand = Potter & Brumfield

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